

Datasheet Well Key® 218 HEX High Expansion

The Well Key® brings a high degree of efficiency to completions as it is designed to shift multiple sliding sleeves and open / close valves in a single run. This High Expansion version provides the operator the ability to pass through small restrictions and still actuate hardware in large liners. With active hydraulic control from surface, the Well Key® ensures full integrity of downhole jewelry and reduced risk as it only opens when the tool reaches target depth.

Applications	Features	Benefits
• Opening / closing valves	• Allows transfer of high, controllable force	• Force applied directly to target
• Opening / closing sliding sleeves	• Passive fail-safe system	• Fewer runs
	• Rugged design allows for multiple repeated actuations	• No jarring required
	• Bi-directional in same run	• Large range of ID's accessible
	• Very high expansion ratio	• Accurate depth control
	• Ability to control position via surface read-out	• Reduced risk of damage to well hardware
	• Wide range of sizes	• Operates on any e-line via DC
	• Universal/ NACE compliant	

Specifications*	Imperial	Metric
• Length	• 14 ft	• 4.3 m
• Running OD nominal	• 2 1/8"	• 54 mm
• Weight in air	• 100 lbs	• 45 Kg
• Completion ID	• 2.312" – 4.5"	• 58.72 mm – 114.3 mm
• Maximum well pressure	• 20,000 psi	• 1,400 bar
• Maximum well temperature	• 302 F	• 150 °C
• Tensile strength	• 30,000 lbs	• 13,600 Kg
• Compressive strength	• 30,000 lbs	• 13,600 Kg

* Dependent upon configuration

